

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42P17287

(maximum 12 characters)

First Named Inventor Mark R. Richards

Title: FERROELECTRIC POLYMER MEMORY WITH A THICK INTERFACE LAYER

Express Mail Label No. EV 336 583 814 US

17858 U.S. PTO

10/676795



093003

ADDRESS TO:      **Mail Stop Patent Application**  
                         **Commissioner for Patents**  
                         **P.O. Box 1450**  
                         **Alexandria, Virginia 22313-1450**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.      X        **Fee Transmittal Form (e.g., PTO/SB/17)**  
                 (Submit an original and a duplicate for fee processing)
2.                **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.      X        **Specification    (Total Pages 19 - including cover sheet )**  
                 (preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
                 or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.      X        **Drawings(s) (35 USC 113)    (Total Sheets 12 )**
5.      X        **Oath or Declaration    (Total Pages 5 )**
  - a.                Newly Executed (Original or Copy)
  - b.                Copy from a Prior Application (37 CFR 1.63(d))  
                 (for Continuation/Divisional with Box 18 completed)
    - i.                DELETIONS OF INVENTOR(S) Signed statement attached deleting  
                 inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
                 and 1.33(b).
  - c.      X        Unsigned.
6.                **Application Data Sheet. (37 CFR 1.76)**
7.                **CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)**
8.                **Nucleotide and/or Amino Acid Sequence Submission**  
                 (if applicable, all necessary)
  - a.                Computer Readable Form (CRF)
  - b.                Specification Sequence Listing on:
    - i.                CD-ROM or CD-R (2 copies); or
    - ii.             paper
  - c.                Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ **Assignment Papers (cover sheet & documents(s))**
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- ☐ b. Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)
- ☐ b. Copies of IDS Citations
13. ☐ **Preliminary Amendment**
14. ☒ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ **Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
- 17A. ☐ Claim for Foreign Priority
- 17B. ☒ Other: Certificate of Express Mail with copy of itemized postcard

17C. ☒ Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
 Of Prior Application No.: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_  
 (which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. \_\_\_\_\_,  
 which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
 For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address  
 \_\_\_\_\_ Customer Number or Bar Code Label \_\_\_\_\_  
 or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label)

here) ☒ Correspondence Address Below

NAME Michael A. Bernadicou

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard  
Seventh Floor

CITY Los Angeles

STATE California

ZIP CODE 90025

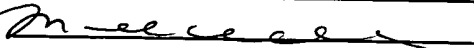
Country U.S.A.

TELEPHONE (408) 720-8300

FAX (408) 720-8383

Name (PRINT/TYPE): Michael A. Bernadicou

Registration No.: 35,934.

Signature: 

Dat : September 30, 2003

## FEE TRANSMITTAL FOR FY 2003

TOTAL AMOUNT OF PAYMENT (\$) \$1014.00

Complete if Known:

Application No. Not yet assigned  
 Filing Date Herewith (09/30/2003)  
 First Named Inventor Mark R. Richards  
 Group Art Unit Not yet assigned  
 Examiner Name Not yet assigned  
 Attorney Docket No. 42P17287

### METHOD OF PAYMENT (check one)

1. ☒ [ X ] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
 Deposit Account Name \_\_\_\_\_

- ☒ [ X ] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☐ [ ] Applicant claims small entity status. See 37 CFR 1.27

2. X Payment Enclosed: X Check  
 \_\_\_\_\_ Money Order  
 \_\_\_\_\_ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility application filing fee	<u>750.00</u>
1002	330	2002	165	Design application filing fee	_____
1003	520	2003	260	Plant filing fee	_____
1004	750	2004	375	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____
SUBTOTAL (1)					<u>\$ 750.00</u>

#### 2. EXTRA CLAIM FEES

		Extra Claims		Fee from below		Fee Paid	
Total Claims		- 20** =		X		=	
<u>30</u>			<u>10</u>	X	<u>18.00</u>	=	<u>180.00</u>
Independent Claims	<u>4</u>	- 3** =	<u>1</u>	X	<u>84.00</u>	=	<u>84.00</u>
Multiple Dependent						=	

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 264.00

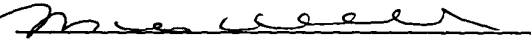
**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
1051	130	2051	65	Surcharge - late filing fee or oath	_____
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	_____
1053	130	1053	130	Non-English specification	_____
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	_____
1813	8,800	1813	8,800	Request for inter parties reexamination	_____
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	_____
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	_____
1251	110	2251	55	Extension for reply within first month	_____
1252	410	2252	205	Extension for reply within second month	_____
1253	930	2253	465	Extension for reply within third month	_____
1254	1,450	2254	725	Extension for reply within fourth month	_____
1255	1,970	2255	985	Extension for reply within fifth month	_____
1401	320	2401	160	Notice of Appeal	_____
1402	320	2402	160	Filing a brief in support of an appeal	_____
1403	280	2403	140	Request for oral hearing	_____
1451	1,510	1451	1,510	Petition to institute a public use proceeding	_____
1452	110	2452	55	Petition to revive - unavoidable	_____
1453	1,300	2453	650	Petition to revive - unintentional	_____
1501	1,300	2501	650	Utility issue fee (or reissue)	_____
1502	470	2502	235	Design issue fee	_____
1503	630	2503	315	Plant issue fee	_____
1460	130	1460	130	Petitions to the Commissioner	_____
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	_____
1806	180	1806	180	Submission of Information Disclosure Stmt	_____
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	_____
1809	750	2809	375	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
1814	110	2814	55	Statutory Disclaimer	_____
1810	750	2810	375	For each additional invention to be examined (see 37 CFR 1.129(b))	_____
1801	750	2801	375	Request for Continued Examination (RCE)	_____
1802	900	1802	900	Request for expedited examination of a design application	_____
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	_____
1505	300	1505	300	Publication fee for republication	_____
1803	130	1803	130	Request for voluntary publication or republication	_____
1808	130	1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	_____
1454	1,300	1454	1,300	Acceptance of unintentionally delayed claim for priority	_____
Other fee (specify) _____					_____
Other fee (specify) _____					_____
<b>SUBTOTAL (3) \$</b>					<b>.00</b>

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Michael A. Bernadicou

Signature:  Date: September 30, 2003

Reg. Number: 35,934 Telephone Number: (408) 720-8300

Serial/Patent No.: Not yet assigned Filing/Issue Date: Herewith (9/30/03)  
Client: Intel Corporation  
Title: Ferroelectric Polymer Memory with a Thick Interface Layer

BSTZ File No.: 042390.P17287 Atty/Secty Initials: MAB/MAK/den  
Date Mailed: September 30, 2003 Docket Due Date: \*\*\*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |  |   |
|--|---|
| <input type="checkbox"/> Amendment/Response (____ pgs.)  | <input checked="" type="checkbox"/> Express Mail No.: <u>EV336583814US</u> <input checked="" type="checkbox"/> Check No. <u>60409</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)                                    | <input type="checkbox"/> _____ Month(s) Extension of Time Amt: <u>\$1014.00</u>   |
| <input checked="" type="checkbox"/> Application - Utility ( <u>19</u> pgs., with cover and abstract) | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (____ pgs.) <input type="checkbox"/> Check No. _____             |
| <input type="checkbox"/> Application - Rule 1.53(b) Continuation (____ pgs.)                         | <input type="checkbox"/> Issue Fee Transmittal Amt: _____   |
| <input type="checkbox"/> Application - Rule 1.53(b) Divisional (____ pgs.)                           | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP (____ pgs.)                                  | <input type="checkbox"/> Petition for Extension of Time   |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (____ pgs.)                      | <input type="checkbox"/> Petition for _____   |
| <input type="checkbox"/> Application - Design (____ pgs.)  | <input checked="" type="checkbox"/> Postcard  |
| <input type="checkbox"/> Application - PCT (____ pgs.)   | <input type="checkbox"/> Power of Attorney (____ pgs.)  |
| <input type="checkbox"/> Application - Provisional (____ pgs.)                                       | <input type="checkbox"/> Preliminary Amendment (____ pgs.)  |
| <input type="checkbox"/> Assignment and Cover Sheet  | <input type="checkbox"/> Reply Brief (____ pgs.)  |
| <input checked="" type="checkbox"/> Certificate of Mailing-Express w/PC                              | <input type="checkbox"/> Response to Notice of Missing Parts  |
| <input checked="" type="checkbox"/> Declaration & POA ( <u>5</u> pgs.) <u>unsigned</u>               | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business  |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.)       | <input checked="" type="checkbox"/> Transmittal Letter, in duplicate  |
| <input checked="" type="checkbox"/> Drawings: <u>12</u> # of sheets includes <u>13</u> figures       | <input checked="" type="checkbox"/> Fee Transmittal, in duplicate   |

☐ Other: \_\_\_\_\_

### Certificate of Express Mail

"Express Mail" mailing label number: EV 336 583 814 US  
Date of Deposit: September 30, 2003  
I hereby certify that I am causing this paper or fee, and the documents indicated on the postcard above, to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to: MS: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dianne Neathery

(Typed or printed name of person mailing paper or fee)

Dianne Neathery  
(Signature of person mailing paper or fee)

9-30-03  
(Date)

Attorney Docket: 42P17287